



ELSEVIER

## Author Index

- Abe, M., 149  
Ali, A.A.M., 39  
Arai, T., 81  
  
Becerro, A.I., 189  
Ben-Taleb, A., 73  
Biggs, S., 205  
Buchhammer, H.-M., 87  
Burger, K., 195  
  
Camardo, M., 183  
Cantale, F., 163  
Castro, M.A., 189  
Chauhan, M., 67  
Christian, S.D., 149  
Clausse, M., 155  
Costa, S.M.B., 141  
  
D'Angelo, M., 183  
Dalton, J., 123  
Davidenko, N.K., 23  
Dékány, I., 7, 195  
Delgado, A.V., 73  
Devínsky, F., 115  
Dzombak, D.A., 133  
  
Eastoe, J., 123  
Erra, P., 155  
Esumi, K., 81  
  
Farkas, A., 7  
Fukui, H., 15, 105  
  
Gabrielli, G., 95, 163  
Garbacz, J.K., 215  
Gauden, P.A., 175  
Goddard, E.D., 221  
Grant, S.B., 229  
Grieser, F., 205  
Guarini, G.G.T., 163  
  
Healy, T.W., 205  
Heenan, R.K., 123  
Hoffmann, H.H., 1  
Homonnay, Z., 195  
  
Kiraly, Z., 7  
Klumpp, E., 7  
Konno, H., 241  
  
Lafuma, F., 255  
Llorens, J., 57  
Lunkwitz, K., 87  
Łyjak, G., 215  
  
Magdassi, S., 51  
Mannaioli, S., 183  
Mans, C., 57  
Medeiros, G.M.M., 141  
Mehrotra, K.N., 67  
  
Narres, H.D., 7  
Neel, O., 255  
  
Onori, G., 183  
  
Peikov, V., 1  
Petzold, G., 87  
Pisářčík, M., 115  
Pons, R., 155  
Ponton, A., 255  
Prica, M., 205  
Puggelli, M., 95  
  
Quemada, D., 255  
Quirantes, A., 73  
  
Radeva, T., 1  
Regismond, S.T.A., 221  
Rodel, B.-Z., 51  
  
Roy, S.B., 133  
Rudé, E., 57  
Rychlicka-Rybska, J., 29  
Rychlicki, G., 175, 215  
  
Saito, Y., 149  
Santucci, A., 183  
Sasaki, K., 241  
Sato, T., 149  
Sato, Y., 105  
Savelli, M.P., 155  
Scamehorn, J.F., 149  
Shimano, F., 105  
Shukla, R.K., 67  
Solans, C., 155  
Stebbing, S., 123  
Stoylov, S.P., 1  
Suhara, T., 15, 105  
Suzuki, F., 15  
Švajdlenka, E., 115  
  
Takasugi, K., 81  
Tanaka, S., 241  
Terzyk, A.P., 175, 215  
Thomas, R.K., 189  
Tsunekawa, M., 241  
Turi, L., 195  
  
Vértes, A., 195  
Vila, N., 95  
Vlasova, N.N., 23  
  
Walker, H.W., 229  
Winnik, F.M., 221  
Wojsz, R., 175  
  
Yamaguchi, M., 15, 105  
yjak, G., 215  
  
Zaki, M.I., 39





ELSEVIER

## Subject Index

- Adsorption, 23, 51, 163, 215, 241  
Adsorption isotherm, 15, 175, 215  
Aggregation number, 81, 115  
Air–aqueous solution interface, 29  
Aliphatic alcohol/aliphatic acid mixed adsorbed mo, 29  
Amphiphilic mixtures, 163  
Anionic surfactant, 15  
AOT, 183  
Atomic force microscope, 205  
  
Bacterial growth inhibition, 241  
Bactericidal activity, 105  
Bactericidal spectra, 105  
Beattie–Bridgeman equation of state, 215  
Binding constant, 149  
  
Cellulose and clay, 87  
Cellulosic polymers, 221  
Ceramics, 205  
Colloidal cobalt, 123  
Colloidal ellipsoids, 73  
Colloidal particles, 229  
Colloidal silica behavior, 255  
Complexation, 149  
Conductivity, 67  
Copper, 23  
Cosurfactant chain length, 155  
Counterion, 183  
Critical micelle concentration, 67, 81  
Cyclodextrin, 149  
  
Depolarized light, 73  
Dipyridyl, 23  
DLVO theory, 105  
Dodecyltrimethylammonium bromide, 115  
Dual system, 87  
Dynamic light scattering, 73, 115  
  
EHEC, 141  
Electric light scattering, 1  
Enthalpy of displacement, 7  
  
FeS nanoparticles, 195  
Flocculation, 51, 87, 229  
Fractal dimension, 175  
Fulvic acid, 241  
  
Gibbs free energy of adsorption, 29  
Glass bead porous media, 133  
  
Heat of adsorption, 215  
Hexanediol, 149  
Hydrophobic solid, 163  
  
Immobilized antimicrobial agent, 105  
Interaction, 51  
Interaction potential, 255  
Interlamellar adsorption, 7  
Ion exchange, 133  
IR, 183  
  
Keratin cystine reactivity, 155  
  
Laser Raman spectroscopy, 39  
Latex colloids, 133  
LB mono and multilayers, 95  
  
Maximum entropy, 57  
Membrane model, 95  
Micelles, 115, 141  
Microbially mediated dissolution of pyrite, 241  
Microcalorimetry, 7  
Microemulsion media, 155  
Microemulsions, 183  
Microporous carbon, 175  
Model anionic polyelectrolyte, 229  
Montmorillonite, 51  
Mössbauer spectroscopy, 195  
  
Nanophase reactor, 195  
Nonionic saccharide, 81

- Organoclay, 7  
Phosphated zirconia, 39  
Polydiallyldimethylammonium chloride, 51  
Polyelectrolyte, 221  
Polymer JR400, 221  
Polytetrafluoroethylene suspensions, 1  
Premicellar aggregates, 141  
Pyridine adsorption, 39  
Pyrite, 241  
  
Quaternary ammonium group, 15, 105  
  
Reduction of Fe(III), 241  
Relaxation rate, 81  
Relaxation spectra, 57  
Reversed micelles, 123  
Rheological behavior, 255  
  
Samarium soaps, 67  
SAXS experiments, 195  
SDS, 141  
Silica, 23  
Sodium dodecylsulphate, 51  
  
Sol-gel, 57  
Solubilization, 189  
Static light scattering, 115  
Sulfated zirconia, 39  
Surface miscibility, 95  
Surface tension, 29, 149  
Surface viscoelasticity, 221  
Surfactant, 163, 189, 221  
  
Temperature, 205  
Ternary surface complex, 23  
*Thiobacillus ferrooxidans*, 241  
*Thiobacillus thiooxidans*, 241  
Titanium alkoxides, 57  
Toluene, 189  
  
Vermiculite, 7, 189  
  
Water, 183  
Weak electrolyte, 67  
  
X-ray diffraction, 7  
  
Zeta potential, 15, 205  
Zirconia, 39, 205

